

7.6-50 High-Torque Tubing Tong With LinkMaster™ Tong Adaptor

Integrates Into Existing Rig Package With Zero NPT

Objectives

- Integrate a high-torque tubing tong into the existing tubular running equipment of a high-end mechanized jackup rig.
- Run 7-in., super-chrome 13CRS-110 tubing to total depth and make up each connection to the 25,000 ft/lb OEM specification with minimal markings.

Our Approach

- Working closely with the client, Weatherford deployed a rig-integration services team for a thorough pre-job analysis. The team proposed use of the 7.6-50 hydraulic tubing tong for safe and efficient makeup and break-out of high-torque tubing. The tong would integrate into the rig's existing NOV ARN-200/270 HydraTong positioning device through the Weatherford LinkMaster tong adaptor.
- The team deployed the 7.6-50 hydraulic tubing tong dressed with the Micro-Grip* pipe-gripping system. Once onboard, the equipment was installed and rigged up in approximately 40 minutes.
- The team ran 321 joints—13,691 ft (4,173 m)—of the 7-in. high-torque pipe. Each joint was properly torqued to 25,000 ft/lb.

Value to Client

- Use of the Weatherford LinkMaster tong adaptor enabled the 7.6-50 hydraulic tubing tong to integrate into the existing rig package and run 321 joints of high-torque tubing.
- Dressed with the Micro-Grip pipe-gripping system, the 7.6-50 hydraulic tubing tong ran each joint with minimal markings.
- The operation incurred no safety incidents, no additional nonproductive time, and no near misses.



The LinkMaster tong adaptor seamlessly integrated the 7.6-50 hydraulic tubing tong into the existing tong positioning system, which enabled the running of 321 joints of high-torque tubing.

LOCATION

Offshore Norway

FIELD

Gina Krog

WELL TYPE

Oil and gas development

RIG TYPE

Jackup

WATER DEPTH

394 ft (120 m)

CASING SIZE AND TYPE

7-in., 32 lb/ft 13CRS-110

PRODUCTS/SERVICES

- Tubular running services
- Rig integration services
- LinkMaster tong adaptor
- 7.6-50 hydraulic tubing tong
- Micro-Grip pipe-gripping system

